FIG.1

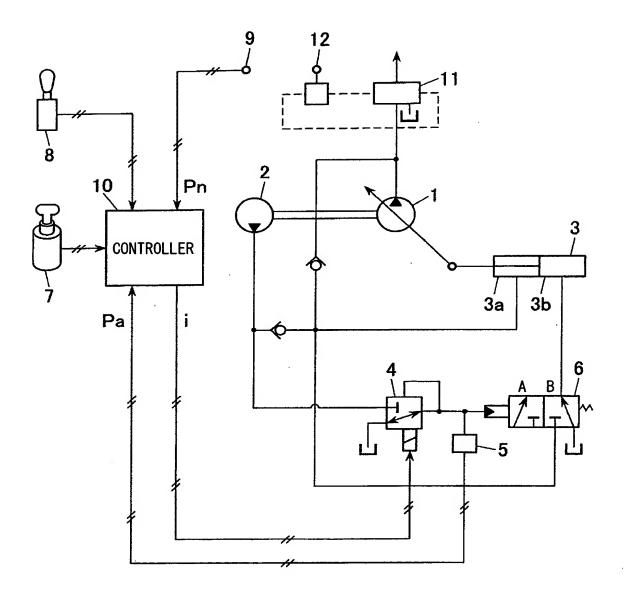


FIG.2

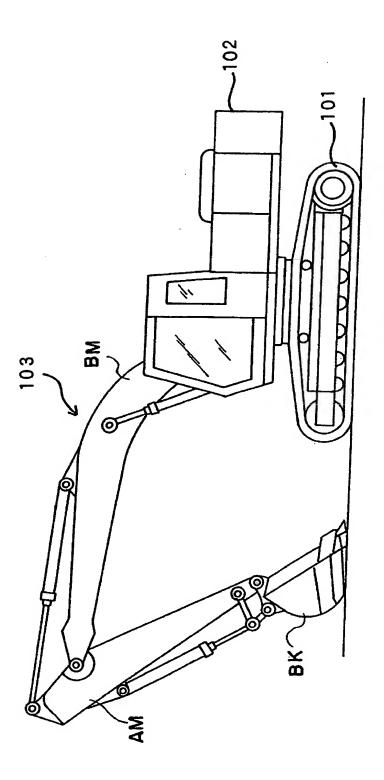


FIG.3

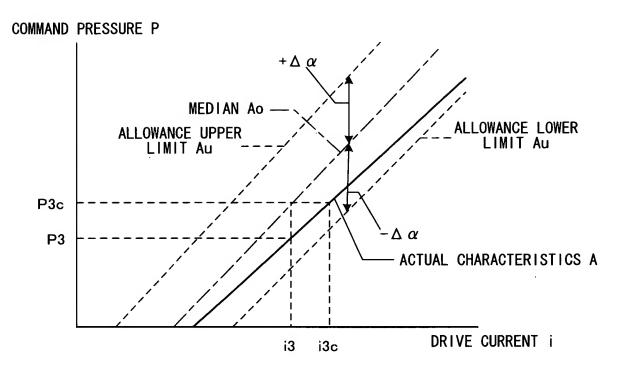


FIG.4

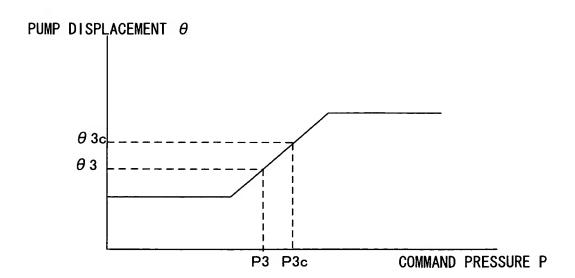
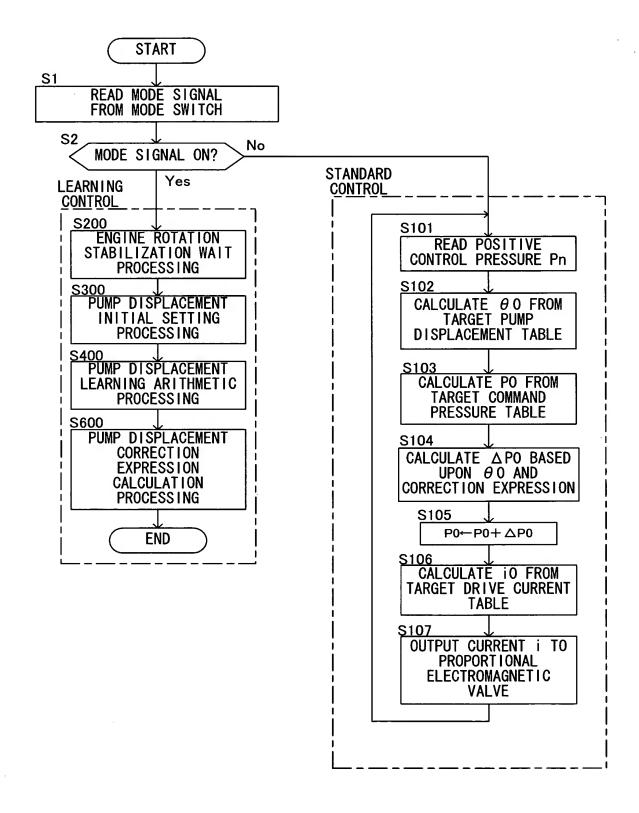
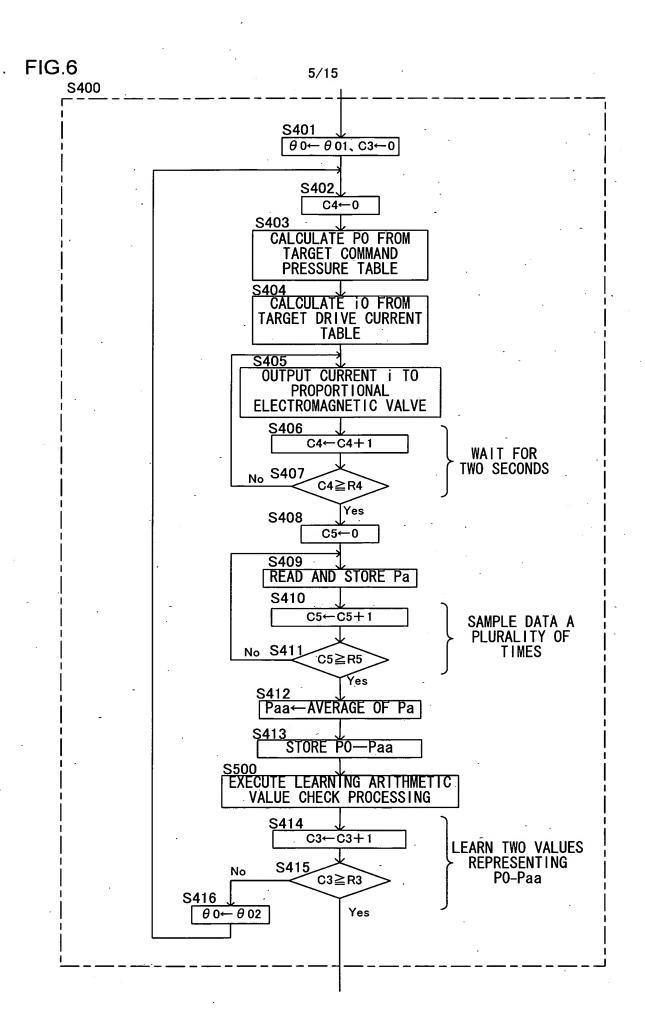


FIG.5





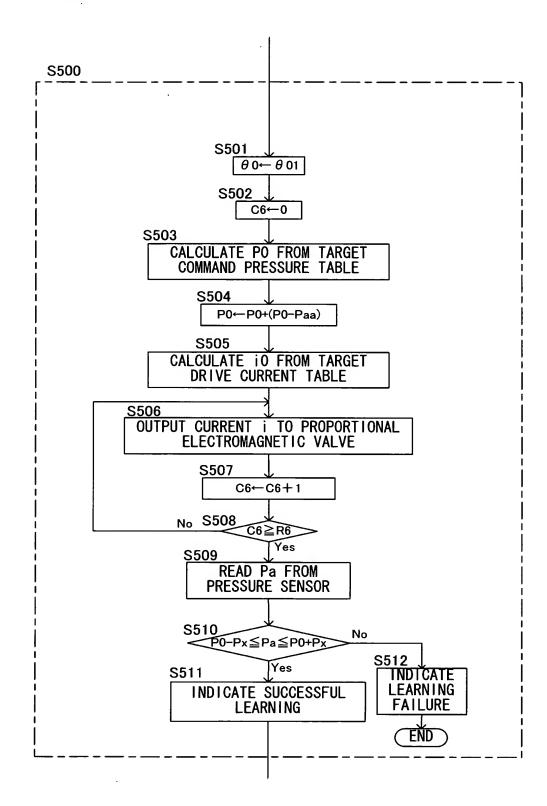


FIG.8

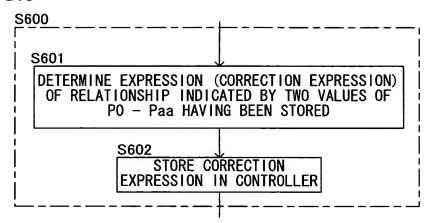
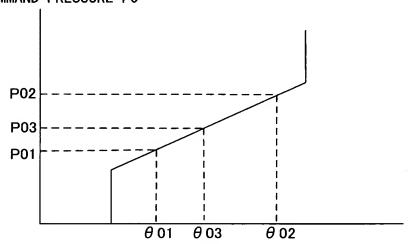


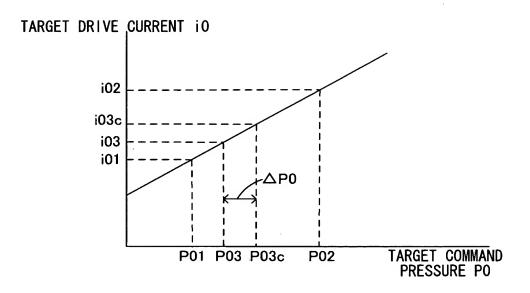
FIG.9





TARGET PUMP DISPLACEMENT  $\theta$  0

**FIG.10** 



**FIG.11** 

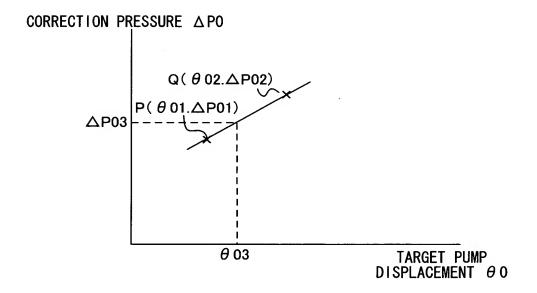
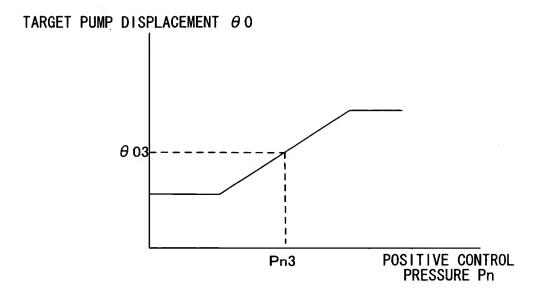


FIG.12



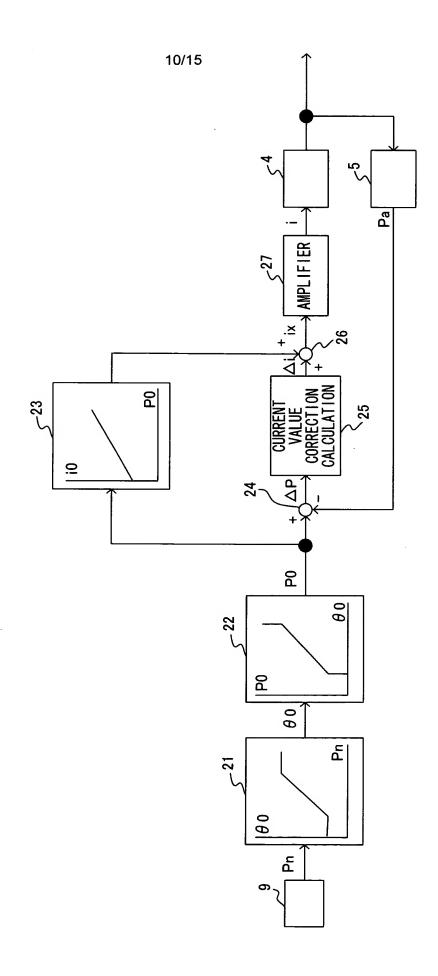
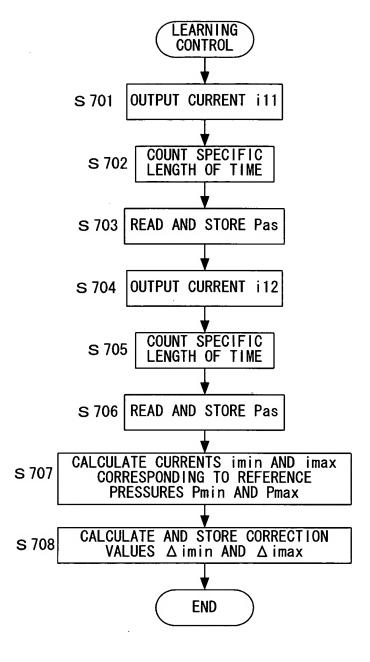
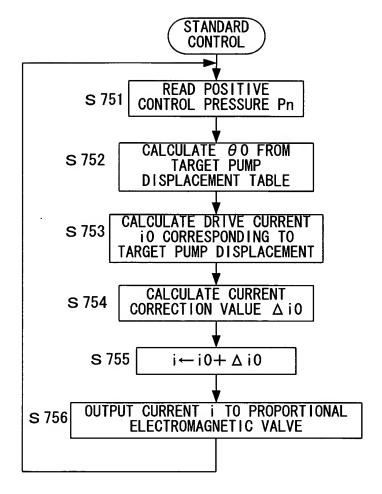


FIG.14



**FIG.15** 



**FIG.16** 

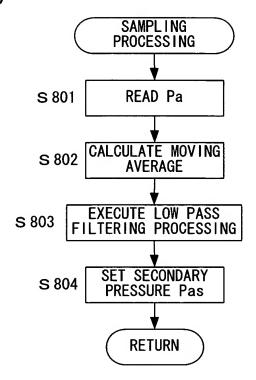
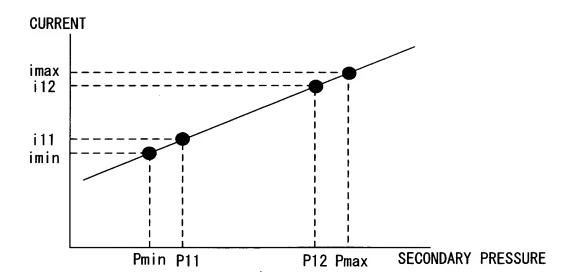


FIG.17







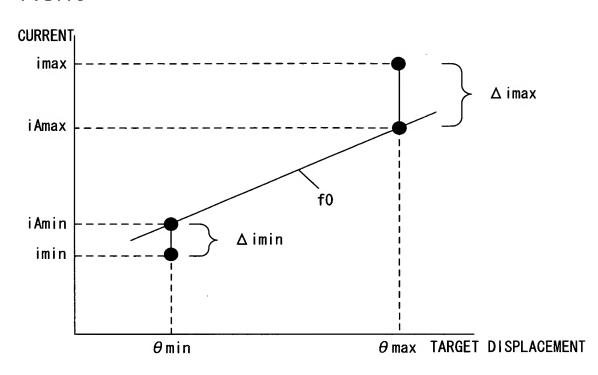


FIG.19

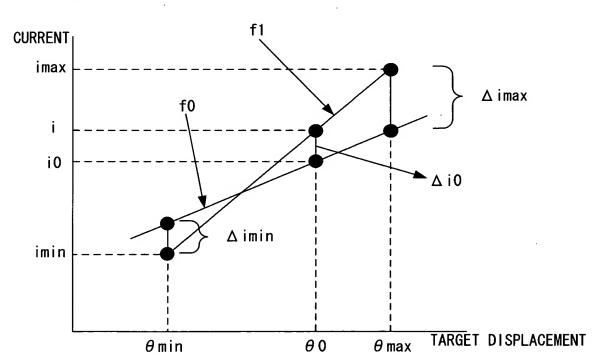


FIG.20

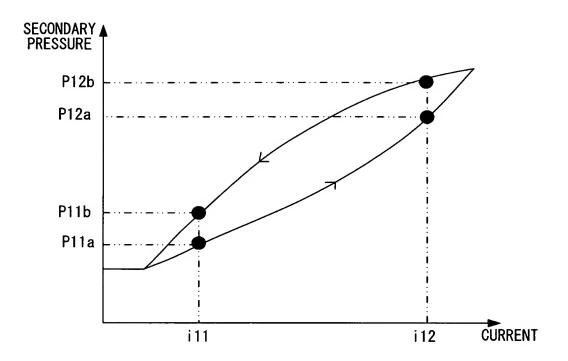


FIG.21

